

# Uponor PP-RCT 45 elbows, hot potable (butt fusion)

## Project Information

Job name:	Location:
Engineer:	Date submitted:
Contractor:	Submitted by:
Manufacturer's representative:	Approved by:

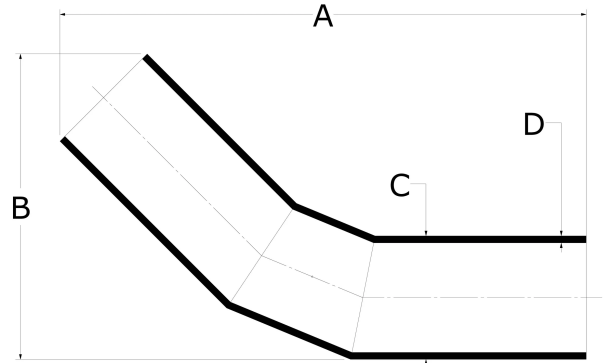
## Technical data

Material	PP-RCT
Temp/pressure ratings	73 °F (23 °C) at 265 psi (18.27 bar) 140 °F (60 °C) at 150 psi (10.34 bar) 180 °F (82 °C) at 100 psi (6.9 bar)

## Product Information and application use

Use Uponor PP-RCT hot potable pipe to convey water for hot potable plumbing applications. The fiber layer coextruded into the mid-wall of the pipe to reduce expansion/contraction with temperature changes also makes the pipe acceptable for use in hydronic heating and cooling applications.

**Note:** Temperature and pressure ratings stated are hydrostatic ratings. For domestic hot-water (DHW) and DHW recirculation installations, operating conditions should not exceed 140°F (60°C) at 80 psi (5.5 bar) in accordance with ASTM F2023. For additional information regarding application-specific temperature and pressure ratings, refer to the Uponor PP-RCT Piping Systems Manual, the Uponor PP-RCT Piping Systems Installation Guide, and the Uponor PP-RCT DHW Systems Design, Installation, and Operation Guidelines.



Part name	Part no.	A [inch]	B [inch]	C [inch]	D [inch]	E [inch]	Equivalent length through [ft]	End Type 1	End Type 2	Weight per UOM [lbs/UOM]
Uponor PP-RCT 45 Elbow, Hot Potable, 6" x 6", SDR 9	PR94764560	19.756	12.638	6.299	0.7	-	6	Butt 6"	Butt 6"	8.43
Uponor PP-RCT 45 Elbow, Hot Potable, 8" x 8", SDR 9	PR94764580	33.606	19.493	7.874	0.876	-	7.6	Butt 8"	Butt 8"	23.38

Part name	Part no.	Codes	Standards	Listings
Uponor PP-RCT 45 elbows, hot potable (butt fusion)	All	UPC IRC IPC NPC of Canada UMC CMC CPC IMC	NSF/ANSI/CAN 61 ASTM E84 NSF/ANSI 14 ASTM F2389 CSA B137.11	ICC-ES-PMG 1106 IAPMO-R&T 8358 QAI P321-5 IAPMO K-12775

## Installation

Use approved butt-fusion connection methods. Refer to the Uponor PP-RCT manual for complete details.

**Note:** Temperature and pressure ratings stated are hydrostatic ratings. For domestic hot-water (DHW) and DHW recirculation installations, operating conditions should not exceed 140°F (60°C) at 80 psi (5.5 bar) in accordance with ASTM F2023. For additional information regarding application-specific temperature and pressure ratings, refer to the Uponor PP-RCT Piping Systems Manual, the Uponor PP-RCT Piping Systems Installation Guide, and the Uponor PP-RCT DHW Systems Design, Installation, and Operation Guidelines.

## Related applications

- Domestic water systems
- Hydronic heating and cooling systems

## Footnotes

-

## Contact information

Uponor Inc.  
5925 148th Street West  
Apple Valley, MN 55124  
T 800.321.4739  
F 952.891.2008

Uponor Ltd.  
6510 Kennedy Road  
Mississauga, ON L5T 2X4  
T 888.594.7726  
F 800.638.9517